

Ilias N.Olsson

FULL STACK DEVELOPER

✉ ilias@n-olsson.com

🌐 <https://n-olsson.com>



Profile

Self-taught fullstack developer with a strong background in mobile apps, 3D configurators, and scalable web systems. I specialize in building modular, high-performance applications, from IoT-integrated mobile apps to AI-driven automation tools and developer-first frameworks.

With a deep interest in clean UX, system design, and practical innovation, I thrive in teams where ownership, creativity, and real product impact matter.

WORK EXPERIENCE

App Developer
2018

Freelancer

Development to native iOS apps built with Swift

Swift

App Developer
2020-2022

Netmine

Developed native & cross platform apps for mobile devices with various functionalities (IoT control, barcode scanning, inventory).

Swift

C#

Xamarin

Kotlin

Objective-C

Full Stack
2022-2025

Netmine

Transitioned into a fullstack role, working across web, backend, and dev tooling.

Led development of advanced projects like Ekapallet (3D configurator in Vue)

ASP.NET

C#

Maui

Vue

Node.JS

Angular

Xamarin

Swift

Languages

Swedish

English

Code

Swift

TS/JS

C#

Objective-C

Python

Kotlin

Rust

Tech

Stripe

Node.js

Vue

Svelte

ASP.NET

Three.js

Maui

AI/ML

Full Stack
2024-2025

● Octamap

Octamap was my own venture focused on building B2B software products, ranging from AI-driven automation tools to advanced 3D configurators.

As a solo founder and developer, I handled everything from architecture and implementation to client demos and deployment

- Node.JS
- Stripe
- Vue
- NATS
- Python
- AI/ML
- PyTorch

NETMINE

PROJECT TIMELINE

2020

● Hobby Connect

An iOS/Android app that lets users control their caravans (lights, temperature, fridge, etc.) via Bluetooth and Wi-Fi. Built for Hobby, a leading caravan brand.

- C#
- Xamarin

● Fendt

A similar smart-control app built for Fendt caravans, enabling users to manage onboard systems remotely with a clean and intuitive interface.

- C#
- Xamarin
- BLE

2021

● Mattssons

Barcode scanning app for warehouse inventory and product ordering. Integrated with Zebra scanners and optimized for high-speed workflows in industrial environments.

- Swift
- C#
- Xamarin
- Zebra



Carlobolaget

A bag configurator web app that lets users customize travel gear with text, graphics, and live previews. Originally started as a self-initiated prototype.

Native

C#

ASP.NET

HTML/JS

2022



Demex

Gate automation and access control app. Allows facility managers to schedule openings, monitor usage stats, and control gates via smartphone.

Swift

C#

Xamarin

Maui

2023



Ekapallet

A Vue-based 3D configurator for wooden pallets. Built for Ekatech to allow customers to design pallets down to the smallest detail in a modular system.

C#

ASP.NET

Three.js

Vue

Unity



Wemo

An Objective-C app for monitoring the status of Wemo robotics devices. Shows real-time running states, connectivity, and diagnostics in one overview.

Objective-C

Web Sockets

2024

Kito Crosby AI Chat

Developed a prototype AI chat interface for KITO Crosby's internal support system. Integrated natural language understanding into their documentation base.

Node.JS

MongoDB

Vue

Embedding

2024

Kito Crosby AI Chat

Developed a prototype AI chat interface for KITO Crosby's internal support system. Integrated natural language understanding into their documentation base.

Node.JS

MongoDB

Vue

Embedding

OCTAMAP

PROJECT TIMELINE

2024

Consultant

Helping companies transition from Xamarin to Maui

C#

Xamarin

Maui

2024

Linkify

Platform for building fully modular 3D product configurators for e-commerce. Focused on flexibility, visual clarity, and plug-and-play integration.

Node.JS

MongoDB

Vue

Three.js

AWS

Stripe

2025



Extractor

AI system for processing steel inspection certificates. Combines trained models and distributed infrastructure to deliver highly accurate, scalable automation.

- Node.JS
- MongoDB
- Vue
- NATS
- AWS
- Stripe



ImageTo360

Minimalist web app that turns a single image into a 360° video in under a minute. Optimized for frictionless user experience and instant purchase flow.

- Node.JS
- MongoDB
- Vue
- Stripe
- Replicate